

ABSTRACT

A mobile station apparatus is provided that performs receive processing efficiently and reduces unnecessary power consumption. In this mobile station apparatus, a signaling detector (71) detects a compressed mode gap period in an uplink channel, that is, a period in which no uplink signal is transmitted to a base station, and reports this period to a controller (72). If the period detected in the signaling detector (71) contains transmission timing of an ACK/NACK signal, the controller (72) controls an HS-PDSCH receive processor (40) to stop the receive processing of the packet data corresponding to the ACK/NACK signal.

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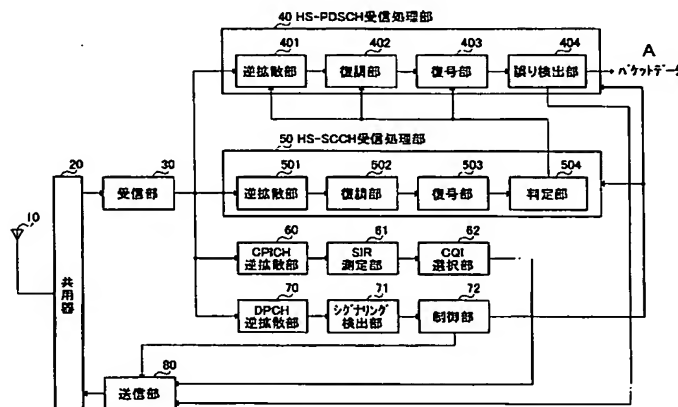
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[続葉有]

(54) Title: MOBILE STATION APPARATUS AND RECEIVING METHOD

(54) 発明の名称: 移動局装置および受信方法



40...HS-PDSCH RECEPTION PROCESSING PART
401...DESPREADING PART
402...DEMODULATING PART
403...DECODING PART
404...ERROR DETECTING PART
A...PACKET DATA
50...HS-SCCH RECEPTION PROCESSING PART
20...DUPLEXER
30...RECEPTION PART
501...DESPREADING PART
502...DEMODULATING PART

503...DECODING PART
504...DECIDING PART
60...CPICH DESPREADING PART
61...SIR DETERMINING PART
62...CQI SELECTING PART
70...DPCH DESPREADING PART
71...SIGNALING DETECTING PART
72...CONTROL PART
80...TRANSMISSION PART

(57) Abstract: A mobile station apparatus capable of performing an efficient reception processing to suppress unnecessary power consumption. In this mobile station apparatus, a signaling detecting part (71) detects, from a signaling included in a DPCH as despread, a cap zone of a upstream compressed mode, that is, a zone in which no upstream signal is transmitted to any base stations, and notifies a control part (72) of the zone. If the transmission timings of ACK/NACK signals are included in the zone detected by the signaling detecting part (71), then the control part (72) causes an HS-PDSCH reception processing part (40) to stop the reception processings of the data packets corresponding to the ACK/NACK signals.

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